Substitute for forms 1449A/PTO & 1449B/PTO

FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT

| ATTORNEY'S DKT NO. | APPLICATION NO. |
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| 032218-018 | Unassigned |
| APPLICANT | |
| Takashi SUZUMURA et al. | |
| FILING DATE | GROUP |
| October 22, 2003 | Unassigned |

| | | 7 | . PATENT DOCUMENTS | | | | |
|--------------------|--|---|---|---|--|--------------|--|
| Examiner | Document Kind Code Name of Patentee or Applicant Number (if known) of Cited Document | | | Issue/Publication Date (MM-DD-YYYY) | | | |
| delle | 3,842,481 | | LAING | | 10-22-1974 | | |
| | 4,043,021 | | MOSBACHER et al. | | 8-23-1977 | | |
| | 4,129,050 | | AKASHI et al. | AKASHI et al. | | 12-12-1978 | |
| | 5,292,292 | Α | HEINRICH et al | | 3-08-1994 11-28-1995 8-19-1997 4-16-2002 8-06-2002 | | |
| H14 | 5,470,286 | Α | FAN | | | | |
| | 5,658,215 | Α | PREMISKI et al | | | | |
| | 6,371,571 | B1 | TSAN | | | | |
| | 6,428,112 | B1 | PASSOTH et al | | | | |
| 'I/\ | | | | | | | |
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| · | | FORE | GN PATENT DOCUMENTS | | | | |
| Examiner / | Document Number | Kind Code (if known) | Country | Date of Publicat | | anslati | |
| | 1 573 175 | (ii kilowii) | Country GREAT BRITAIN | (MM-DD-YYYY 8-20-1980 | | es N | |
| | 0 271 416 | A1 | EUROPE | 6-15-1988 | | | |
| | 26 05 230 | B1 | GERMANY | 7-28-1977 | | | |
| West, | 58-156773 | A | JAPAN | 9-17-1983 | | | |
| | 59-126136 | A | JAPAN | 7-20-1984 | | | |
| | 7-133848 | A | JAPAN | 5-23-1995 | | | |
| | 10-288248 | A | JAPAN | 10-27-1998 | | | |
| 147 | | | | 10 27 1001 | | | |
| | | NON DATE | | | | _ | |
| ·· ···· | | | NT LITERATURE DOCUMENT | | | | |
| Examiner | item (boo | ie name of author (in (k. magazine, journal : | CAPITAL LETTERS), title of the article serial, symposium, catalog, etc.), date, | (when appropriate), title | of the | | |
| Initials | | pu | blisher, city and/or country where publis | page(s), volume-issue m shed. | umber(s), | | |
| | | | | | | | |
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| Examine Signature Constitution | Lowell A. Larson | Date Considered | 7/22/2005 | |
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EXAMINET: Initial if reference considered, whether or not clustion is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.